

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Michael L. Connell et al.	)	
		)	
		)	Art Unit: unknown
		)	
Serial No.:	unknown	)	
		)	
Filed:	concurrently herewith	)	Examiner: Unknown
		)	
For:	APPARATUS AND METHOD FOR	)	
	LOCATING JOINTS IN COILED TUBING	)	
	OPERATIONS	)	

**INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U. S. PATENTS**

U.S. Patent No. 3,941,190 issued March 2, 1976 to George E. Conover.

U.S. Patent No. 4,667,736 issued May 26, 1987 to William D. Rumbaugh et al.

U.S. Patent No. 4,911,242 issued March 27, 1990 to Joe C. Hromas et al.

U.S. Patent No. 5,234,053 issued August 10, 1993 to Michael L. Connell.

U.S. Patent No. 5,236,047 issued August 17, 1993 to Ronald E. Pringle et al.

U.S. Patent No. 5,392,862 issued February 28, 1995 to Bruce D. Swearingen.

U.S. Patent No. 5,429,190 issued July 4, 1995 to Marion D. Kilgore et al.

U.S. Patent No. 5,443,129 issued August 22, 1995 to Thomas F. Bailey et al.

U.S. Patent No. 5,465,787 issued November 14, 1995 to Brian A. Roth.

U.S. Patent No. 5,609,178 issued March 11, 1997 to Gregory E. Hennig et al.

U.S. Patent No. 5,626,192 issued May 6, 1997 to Michael L. Connell et al.

U.S. Patent No. 5,873,414 issued February 23, 1999 to Gunther von Gynz-Rekowski.

U.S. Patent No. 6,003,834 issued December 21, 1999 to Dennis M. Read.

U.S. Patent No. 6,253,842 B1 issued July 3, 2001 to Michael L. Connell et al.

U.S. Patent No. 6,305,467 B1 issued October 23, 2001 to Michael L. Connell et al.

U.S. Patent No. 4,808,925 issued February 28, 1989 to Gary K. Baird.

U.S. Patent No. 4,519,451 issued May 28, 1985 to Floyd R. Gray et al.

U.S. Patent No. 6,269,883 B1 issued August 7, 2001 to Robert W. Gissler et al.

U.S. Patent No. 6,394,184 B2 issued May 28, 2002 to Randy C. Tolman et al.

U.S. Patent No. 6,464,006 B2 issued October 15, 2002 to Allen W. Womble.

#### **FOREIGN PATENTS**

United Kingdom Patent Application Number GB 2 310 444 A published August 27, 1997.

United Kingdom Patent Application Number GB 2 341 197 A published March 8, 2000.

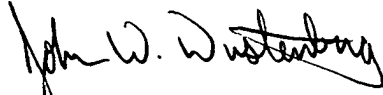
PCT Patent Application Number WO 01/14685 A1 published March 1, 2001.

#### **OTHER PUBLICATIONS**

Nonvolatile Electronics, Inc. Catalog (undated but admitted to be prior art).

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John W. Wustenberg". The signature is fluid and cursive, with a long horizontal stroke at the end.

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<b>FORM PTO-1449</b> (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2001-IP-005011U1C1	SERIAL NO. unknown
	APPLICANT Michael L. Connell et al.	
	FILING DATE concurrently herewith	GROUP unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,941,190	03/02/76	Conover	166	187	
	AB	4,667,736	05/26/87	Rumbaugh et al.	166	65.1	
	AC	4,911,242	03/27/90	Hromas et al.	166	317	
	AD	5,234,053	08/10/93	Connell	166	250	
	AE	5,236,047	08/17/93	Pringle et al.	166	369	
	AF	5,392,862	02/28/95	Swearingen	166	386	
	AG	5,429,190	07/04/95	Kilgore et al.	166	255	
	AH	5,443,129	08/22/95	Bailey et al.	175	45	
	AI	5,465,787	11/14/95	Roth	166	66.4	
	AJ	5,609,178	03/11/97	Hennig et al.	137	10	
	AK	5,626,192	05/06/97	Connell et al.	166	255.1	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	GB 2 310 444 A	08/27/97	United Kingdom	E21B	47/09	X	
	AM	GB 2 341 197 A	03/08/00	United Kingdom	E21B	47/09	X	
	AN	WO 01/14685 A1	03/01/00	PCT	E21B	4/04	X	
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Nonvolatile Electronics, Inc. Catalog (undated but admitted to be prior art).
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,873,414	02/23/99	Von Gynz-Rekowski	166	319	
	AB	6,003,834	12/21/99	Read	251	30.01	
	AC	6,253,842 B1	07/03/01	Connell et al.	166	66	
	AD	6,305,467 B1	10/23/01	Connell et al.	166	66	
	AE	4,808,925	02/28/89	Baird	324	221	
	AF	4,519,451	05/28/85	Gray et al.	166	278	
	AG	6,269,883 B1	08/07/01	Gissler et al.	166	340	
	AH	6,394,184 B2	05/28/02	Tolman et al.	166	281	
	AI	6,464,006 B2	10/15/02	Womble	166	276	
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
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